ELECTRICAL SYMBOLS - LIGHTING PLAN

- LIGHT FIXTURE RECESSED CEILING MOUNTED
- LIGHT FIXTURE, EMERGENCY
- LIGHT FIXTURE WALL MOUNTED
- LIGHT FIXTURE, RECESSED FLUORESCENT, 2'x4'
 [610x1220mm];
 LETTER INDICATES TYPE.
- LIGHT FIXTURE, RECESSED FLUORESCENT, 1'x4' [305x1220mm];
- LETTER INDICATES TYPE.

 C LIGHT FIXTURE, RECESSED FLUORESCENT, 1'x8'

 [305x2439mm]; LETTER INDICATES TYPE.
- LIGHT FIXTURE, SURFACE MOUNTED FLUORESCENT, 2'x4'
 [610x1220mm];
 LETTER INDICATES TYPE.
- B LIGHT FIXTURE, SURFACE MOUNTED FLUORESCENT, 1'x4' [305x1220mm];
- LETTER INDICATES TYPE.

 © LIGHT FIXTURE, SURFACE MOUNTED FLUORESCENT,

 1'x8' [305x2439mm]; LETTER INDICATES TYPE.



LIGHT FIXTURE, FLUORESCENT EMERGENCY; LETTER INDICATES TYPE.

- E
- LIGHT FIXTURE, RECESSED FLUORESCENT, 2'x2' [610x610mm]; LETTER INDICATES TYPE.
- E LIGHT FIXTURE, SURFACE MOUNTED FLUORESCENT, 2'x2' [610x610mm]; LETTER INDICATES TYPE.
- EXIT SIGN, WALL MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN
- ⊗† EXIT SIGN, CEILING MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN
- LIGHT FIXTURE, DIRECTIONAL
- S SWITCH BLANK =
 - BLANK = SINGLE POLE 2 = DOUBLE POLE 3 = THREE-WAY 4 = FOUR-WAY D = SENSORSWITCH nPODDX WH K = KEY OPERATED
 - D = SENSORSWITCH INPODDX WH K = KEY OPERATED<math>LV = LOW VOLTAGE L = LOCKLM = LOW VOLTAGE MASTER P = WITH PILOT LIGHT
 - PB= PUSH BUTTON STATION RC= REMOTE CONTROL
 - T = TIMER OPERATED
 X = EXPLOSION PROOF
 - OF Mo= OCCUPANCY SENSOR

WP= WEATHER PROOF

- S_D WALL SWITCH WITH DUAL TECH OCCUPANCY SENSOR MTD. 48" AFF, UOI.
- CEILING MTD, LOW VOLTAGE INFRARED OCCUPANCY SENSOR, SENSORSWITCH, nLIGHT nCM9. PROVIDE CAT-5 FROM SENSOR TO LIGHT. INTERCONNECT ALL LIGHTS IN ROOM WITH CAT-5 CABLE.

ELECTRICAL SYMBOLS - POWER PLAN

- MOTOR, SIZE AS INDICATED
- TT TRANSFORMER
 - EARTH GROUND OR CONNECTION TO NEC APPROVED GROUND
- BRANCH CIRCUIT HOMERUN. LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS. ONE SEPARATE GREEN GROUNDING CONDUCTOR SHALL BE

PROVIDED FOR EACH HOMERUN; NOT SHOWN

- PB PULL BOX
- 120/208V 3P, 4W PANELBOARD CABINET, SURFACE MOUNTED
- 277/480V 3P, 4W PANELBOARD CABINET, SURFACE MOUNTED
- ⇒ RECEPTACLE, DUPLEX
- RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER.
- ⇒ HEAVY DUTY 20A RECEPTACLE, MTD. 18" AFF, UOI.

 COORDINATE EXACT REQUIREMENTS WITH VA I.T. DEPARTMENT.

 Temperature

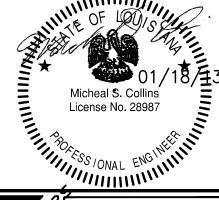
 COORDINATE EXACT REQU
- FLUSH MOUNTED FLOOR DUPLEX RECEPTACLE
- 3-GANG COMPARTMENT BOX IN FLOOR FOR TELEPHONE, DATA & RECEPTACLE.
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, UNFUSED, UOI
- STARTER, COMBINATION WITH DISCONNECT SWITCH
- VARIABLE FREQUENCY DRIVE
- LIGHTING CONTACTOR PANEL PROVIDE WATTSTOPER LP8S-4-115, OR APPROVED EQUAL.
- NOTE INDICATION
- PHOTOCELL

ELECTRICAL SYMBOLS - NURSE CALL AND COMMUNICATIONS

- MS NURSE CALL MASTER STATION RUN 3/4" CONDUIT UP TO NEAREST ACCESSIBLE CEILING SPACE COORDINATE WITH SPECIFIC MANUFACTURERS INSRUCTIONS
- NURSE CALL STAFF STATION PROVIDE BACKBOX AS REQUIRED BY SPECIFIC MANUFACTURERS INSTRUCTIONS
- PULL CORD NURSE CALL STATION MOUNTED 36" AFF, UOI PROVIDE A SINGLE GANG MASONRY JUNCTION BOX AND 3/4" CONDUIT UP TO NEAREST ACCESSIBLE CEILING SPACE COORDINATE WITH SPECIFIC MANUFACTURERS INSTRUCTIONS
- ZL NURSE CALL ZONE LIGHT CEILING MOUNTED, PROVIDE A SINGLE GANG MASONRY JUNCTION BOX COORDINATE WITH SPECIFIC MANUFACTURERS INSTRUCTIONS
- NL NURSE CALL STATION LIGHT CEILING MOUNTED, PROVIDE A SINGLE GANG MASONRY JUNCTION BOX COORDINATE WITH SPECIFIC MANUFACTURERS INSTRUCTIONS
- CS CARD SWIPE, MTD 48" AFF. PROVIDE RECEPTACLE MTD ABOVE ACCESSIBLE CEILING FOR ACCESS CONTROL POWER.
- VIDS VIDEO DOOR STATION MOUNTED 48" AFF, UOI.

 PROVIDE A 3—GANG MASONRY JUNCTION BOX AND A 3/4"

 CONDUIT UP TO NEAREST ACCESSIBLE CEILING SPACE.
- S SPEAKER, CLG MTD
- VOLUME CONTROL, MTD 48" AFF
- COMBINATION OUTLET FOR DATA AND TELEPHONE CABLE MTD. 18" AFF, UOI, RUN 3/4" CONDUIT UP TO NEAREST ACCESSIBLE CEILING SPACE.
 PROVIDE COVERPLATE TO MATCH WIRING DEVICE PLATES. PROVIDE 4 OUTLETS AND ROUTE (4) CAT 6 CABLES BACK TO DATA CLOSET.
- OUTLET FOR WALL MTD. TELEPHONE, MTD. 48" AFF, UOI RUN 3/4" EMPTY CONDUIT UP TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE 1 OUTLET AND ROUTE (1) CAT 6 CABLE TO DATA CLOSET
- OUTLET FOR WALL MTD. DATA CONNECTION RUN 1 1/4" EMPTY CONDUIT TO NEAREST ACCESSIBLE CEILING SPACE
- CONNECTION FOR WALL MTD., COMPUTER CONTROLLED CAMERA. MTD. 48" AFF.
- $\stackrel{Q}{\mapsto}$ CONNECTION FOR WALL MTD., CUEING INDICATOR. MTD. 90" AFF.
- □■ SECURITY CAMERA LOCATION.
- PP PUSHBUTTON FOR DOOR STRIKE CONTROL MTD. 48"AFF. EXTEND 3/4" CONDUIT TO CORRIDOR CEILING.
- PC PANIC BUTTON PROVIDE SINGLE GANG J—BOX MTD. 48"AFF EXTEND 3/4" CONDUIT TO CORRIDOR CEILING.
- IC INTERCOM STATION MOUNTED 48" AFF, UOI. PROVIDE A 3—GANG MASONRY JUNCTION BOX AND A 3/4" CONDUIT UP TO NEAREST ACCESSIBLE CEILING SPACE, COORDINATE WITH NURSE CALL INSTALLER.



Revisions

No. Date Renarks

one high =

one-half inch

one-quarter inch =

MPARABERAREA

Hernandez Consulting
ALBERT ARCHITECTURE



Allen&Hoshall
engineering since 1915

| Approved: | | Drawing Title |
|-----------|-----------|-------------------------------|
| Title | Signature | □ELECTRICAL — |
| | | LEGENDS & SYMBOLS |
| | | Approved: Service Engineer |
| | | Approved: Service Director |

